



Attorney's Docket No.: 00614-120001

2836

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al. Art Unit : 2836  
Serial No. : 09/841,471 Examiner : Boris Benson  
Filed : April 24, 2001  
Title : COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

**Attention: Official Draftsman**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL OF FORMAL DRAWINGS

Please substitute the enclosed 9 sheets of formal drawings for the corresponding drawings presently in the application.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 9/23/03

David L. Feigenbaum  
Reg. No. 30,378

Fish & Richardson P.C.  
45 Rockefeller Plaza, Suite 2800  
225 Franklin Street  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

30162615.doc

10200 MAIL ROOM

RECEIVED  
CCT - 2 603

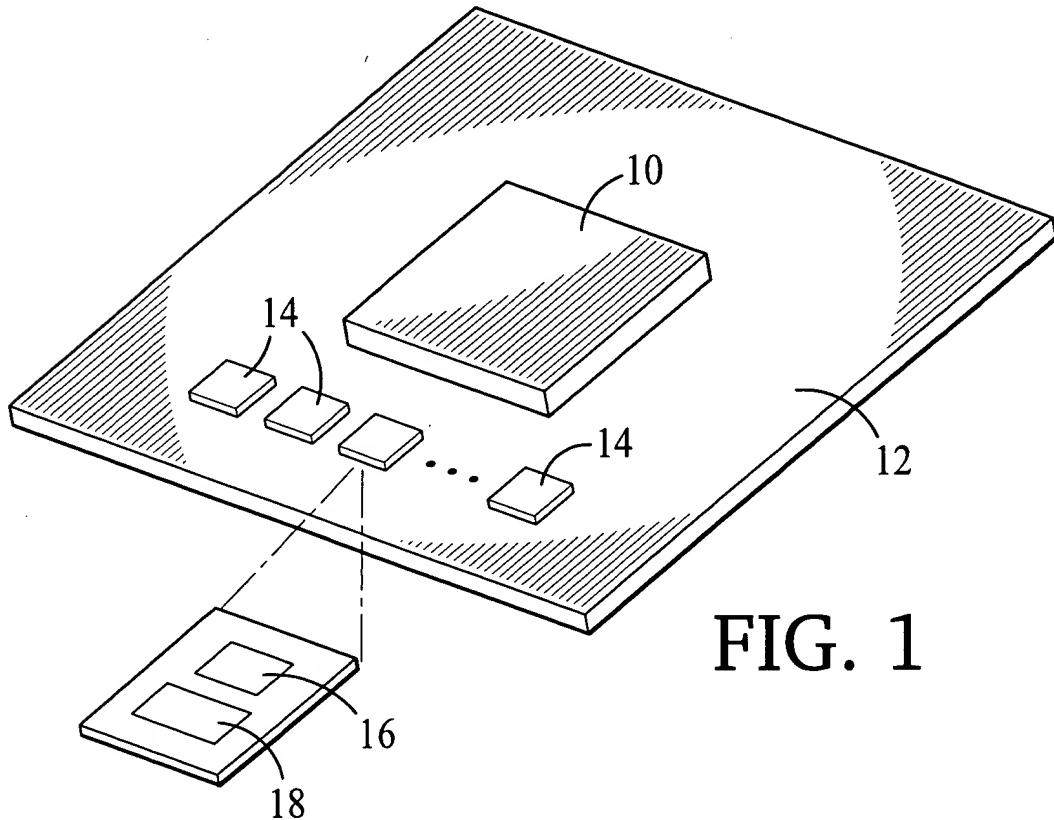
CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 24, 2003  
Date of Deposit

Carol Tyrrell  
Signature

Carol Tyrrell  
Typed or Printed Name of Person Signing Certificate



**FIG. 1**

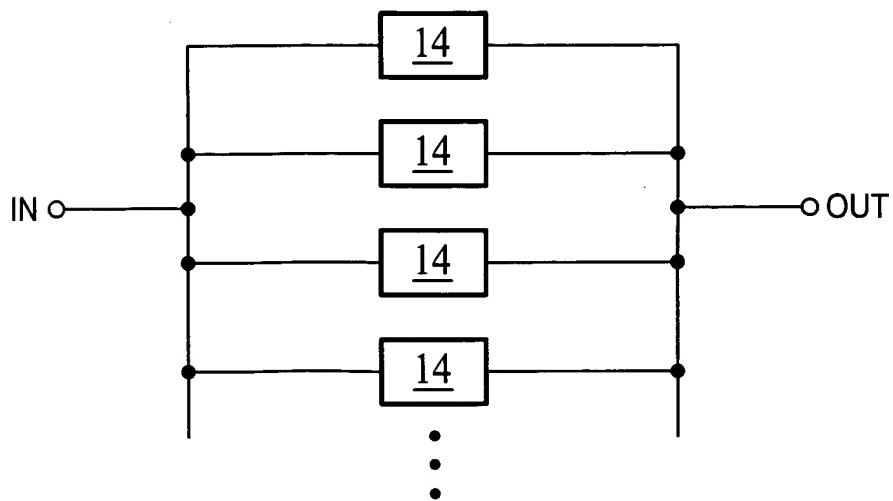


FIG. 2

SEP 29 2003  
PATENT & TRADEMARK OFFICE

Appln No. 9/841,471  
Applicant(s): Patrizio Vinciarelli et al.  
COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

Page 7 of 9

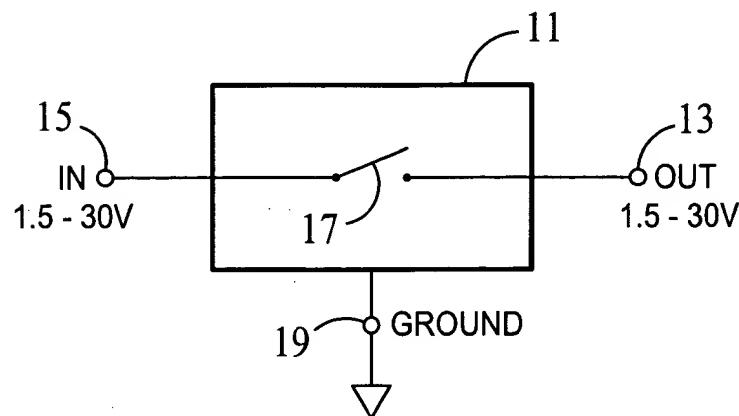


FIG. 3

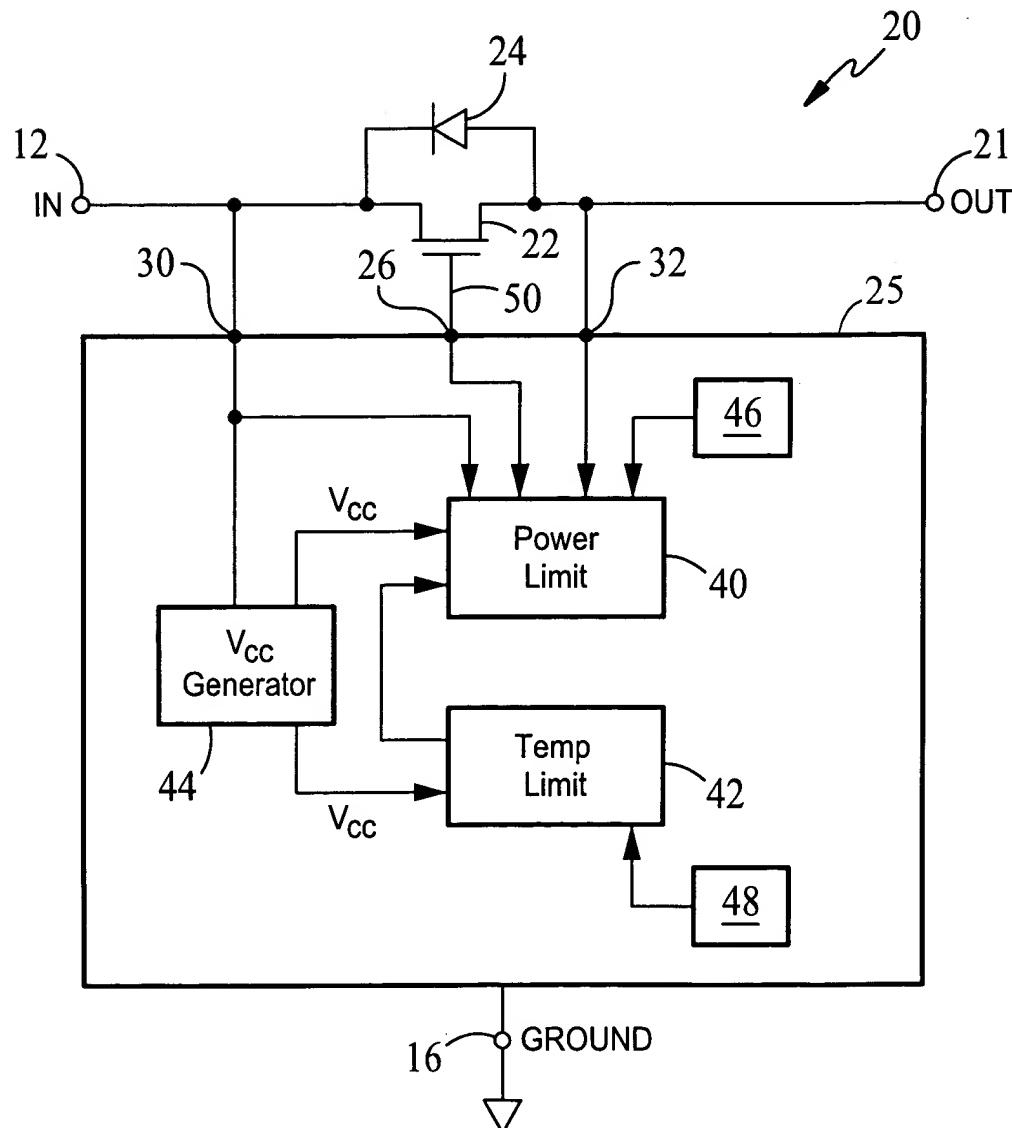


FIG. 4

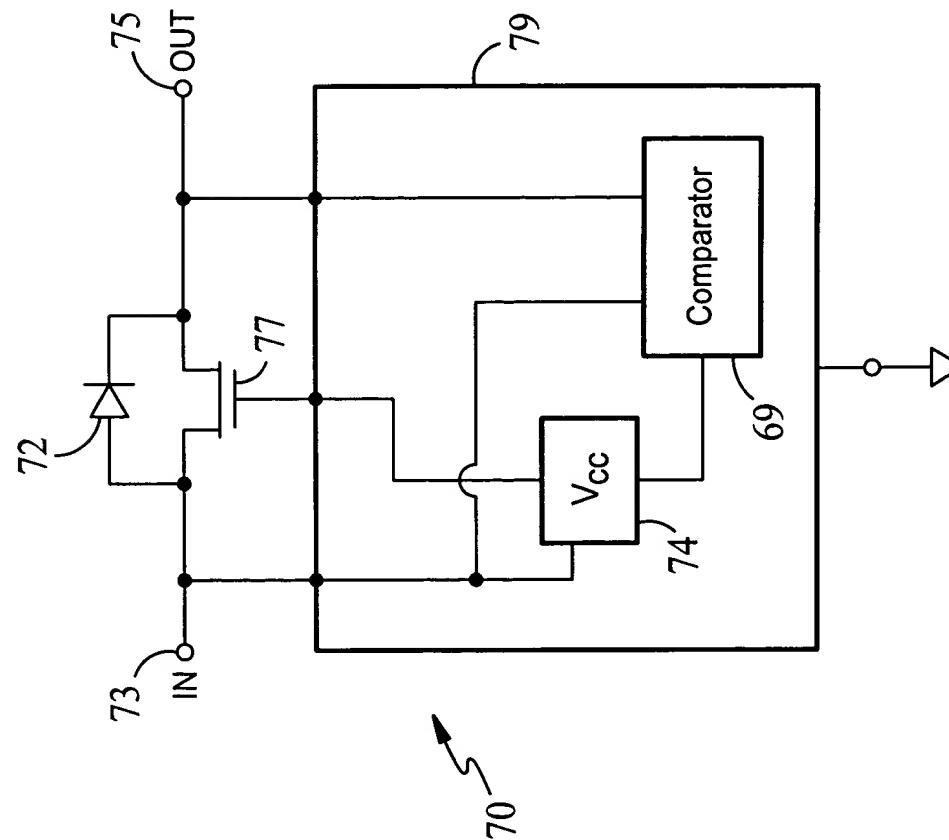


FIG. 7

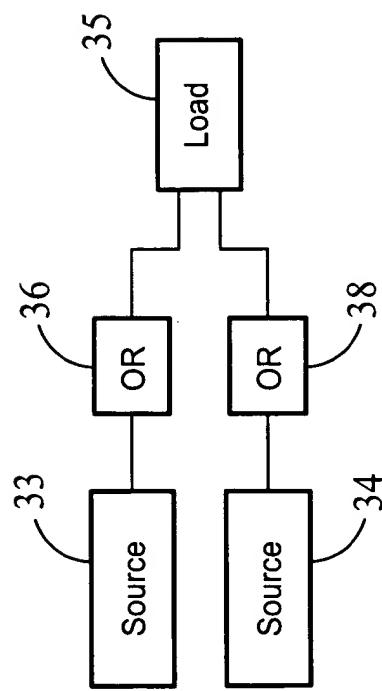


FIG. 5

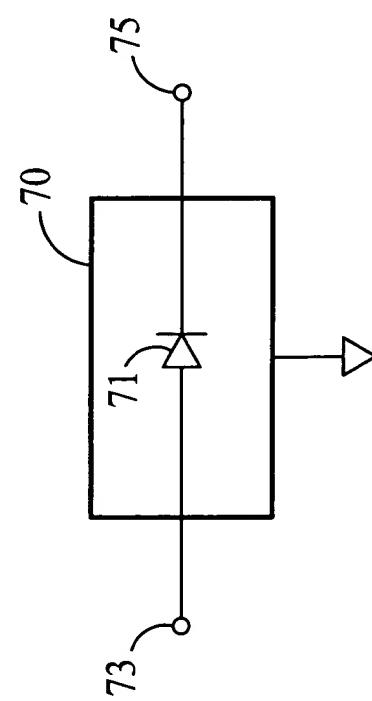
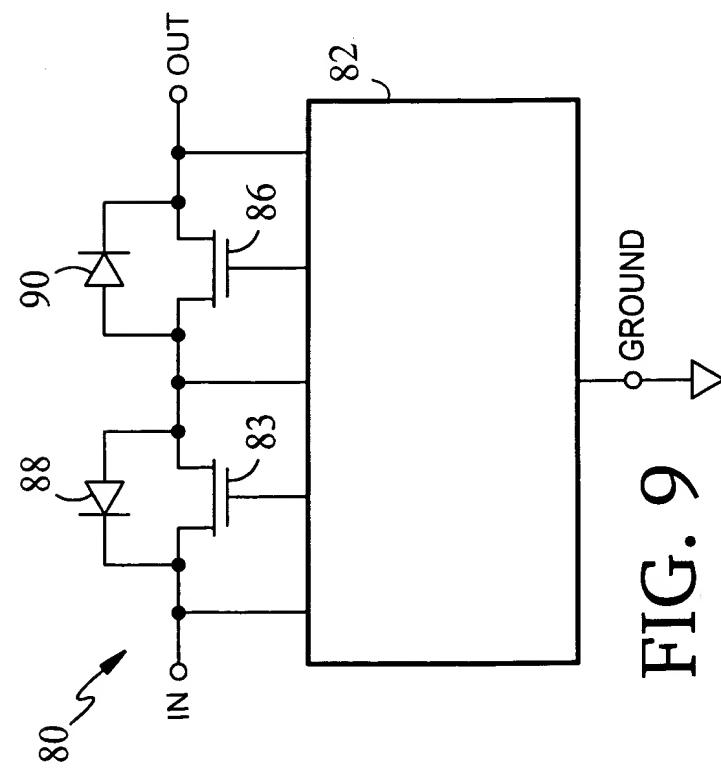
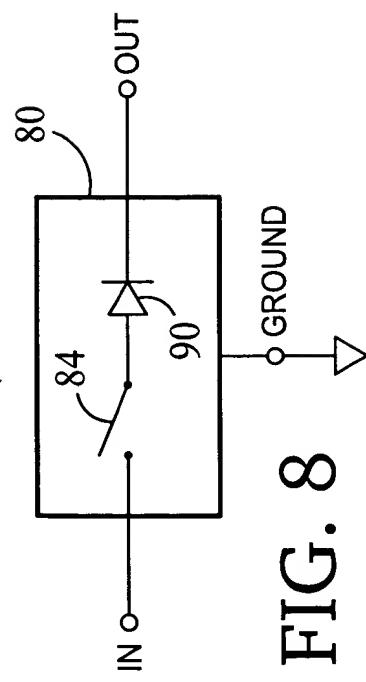
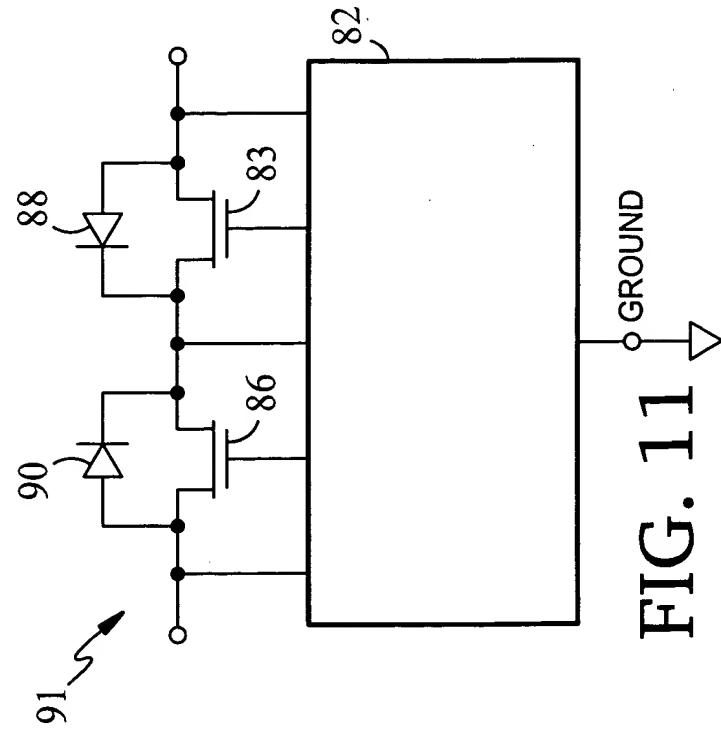
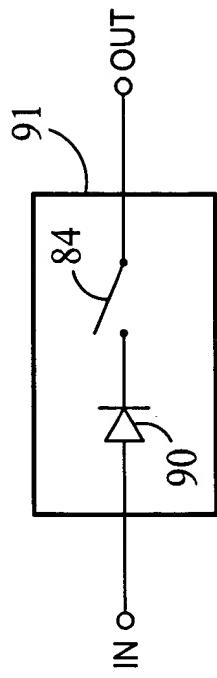


FIG. 6



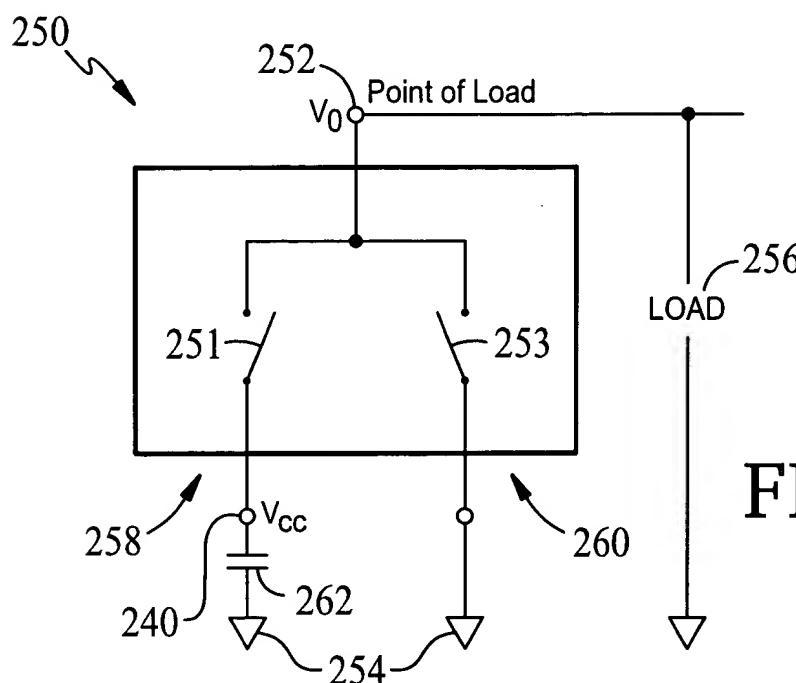


FIG. 12

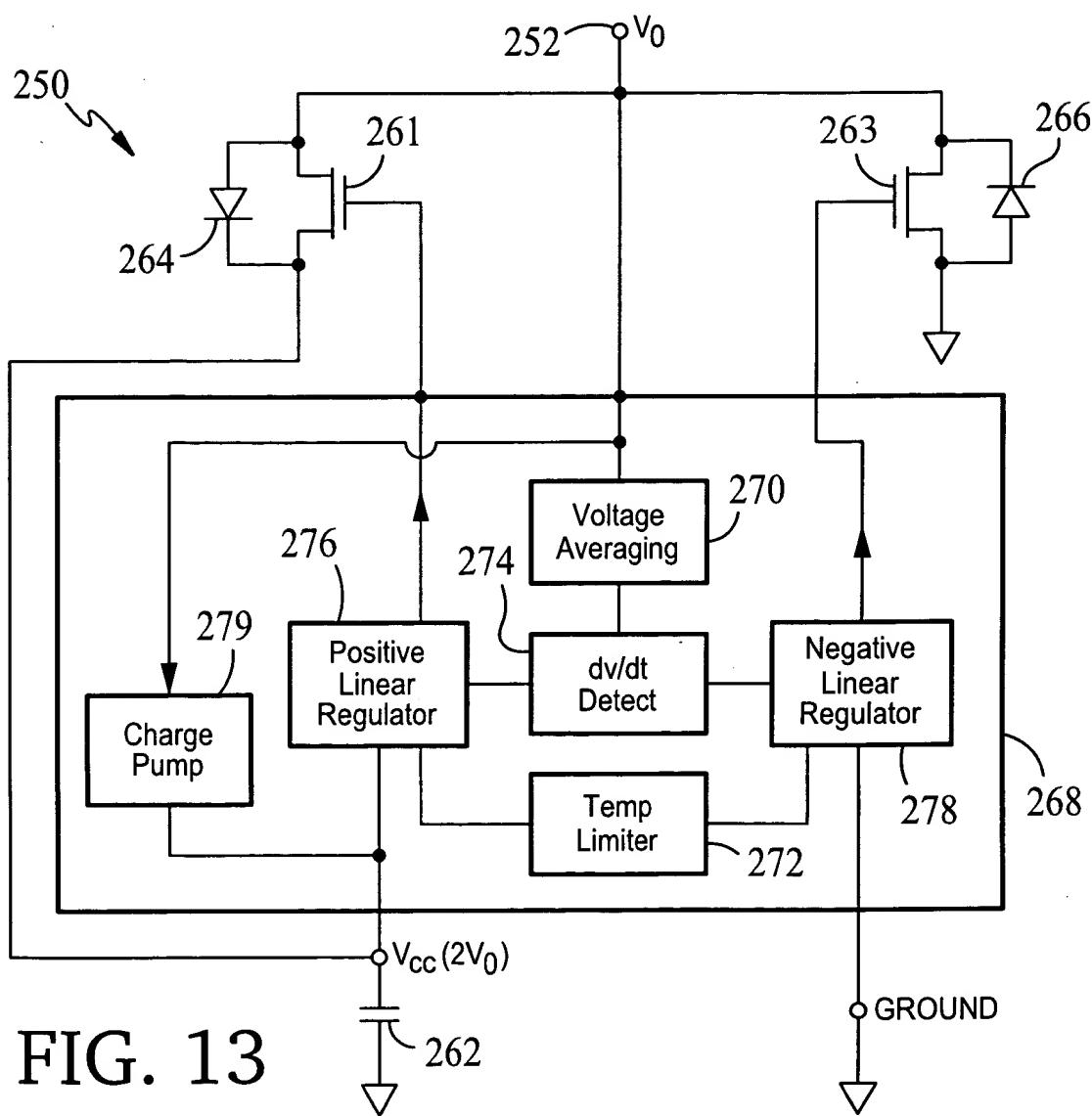


FIG. 13

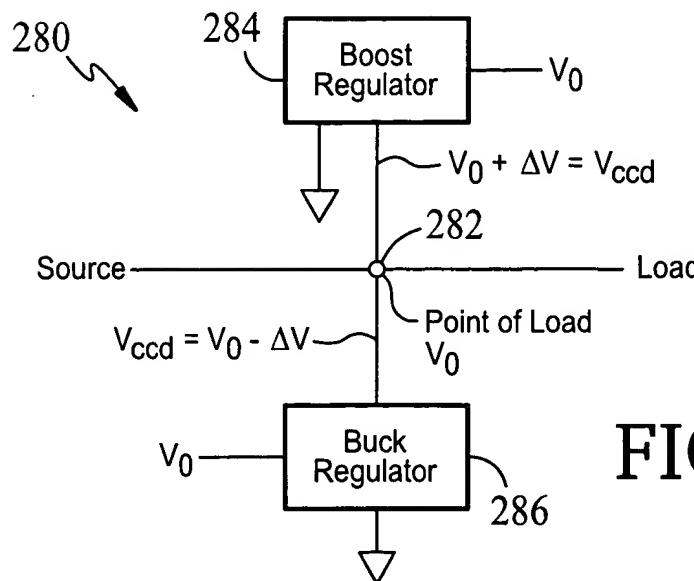


FIG. 14

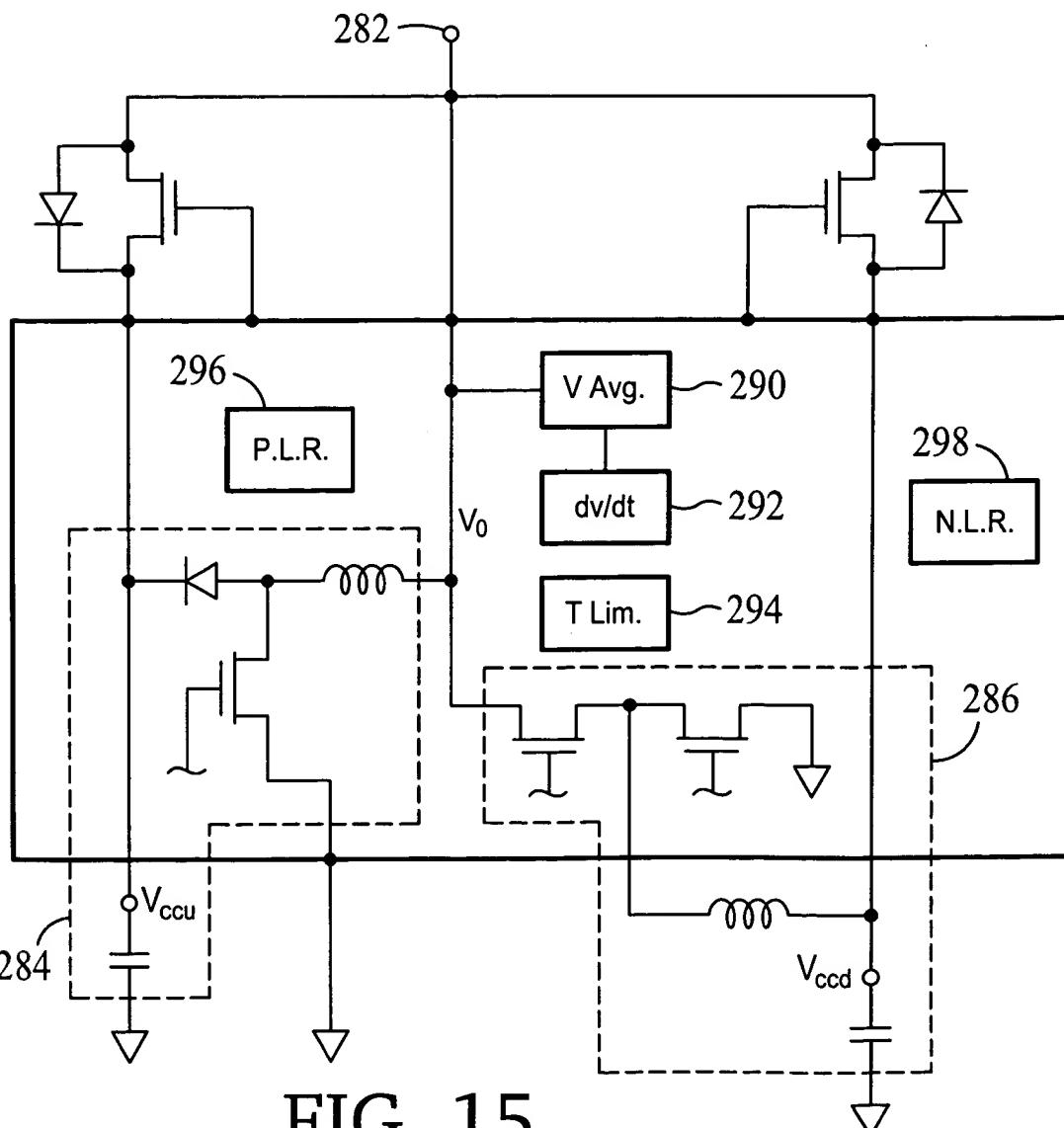


FIG. 15

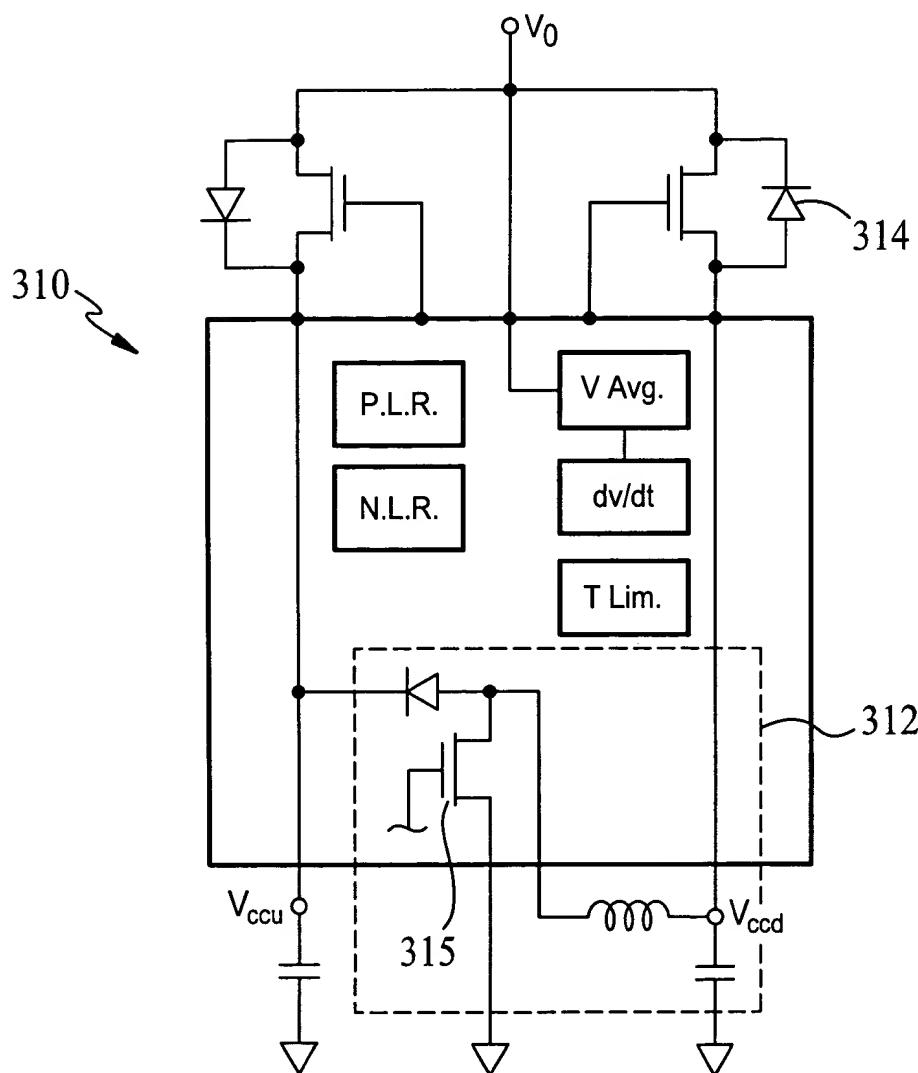


FIG. 16

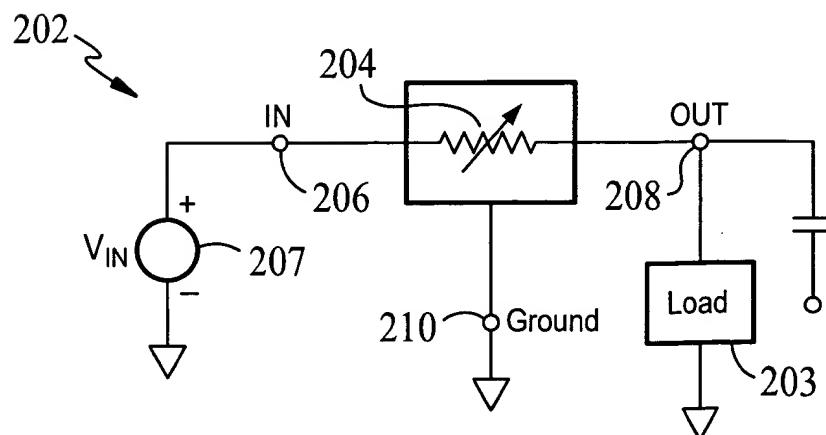


FIG. 17

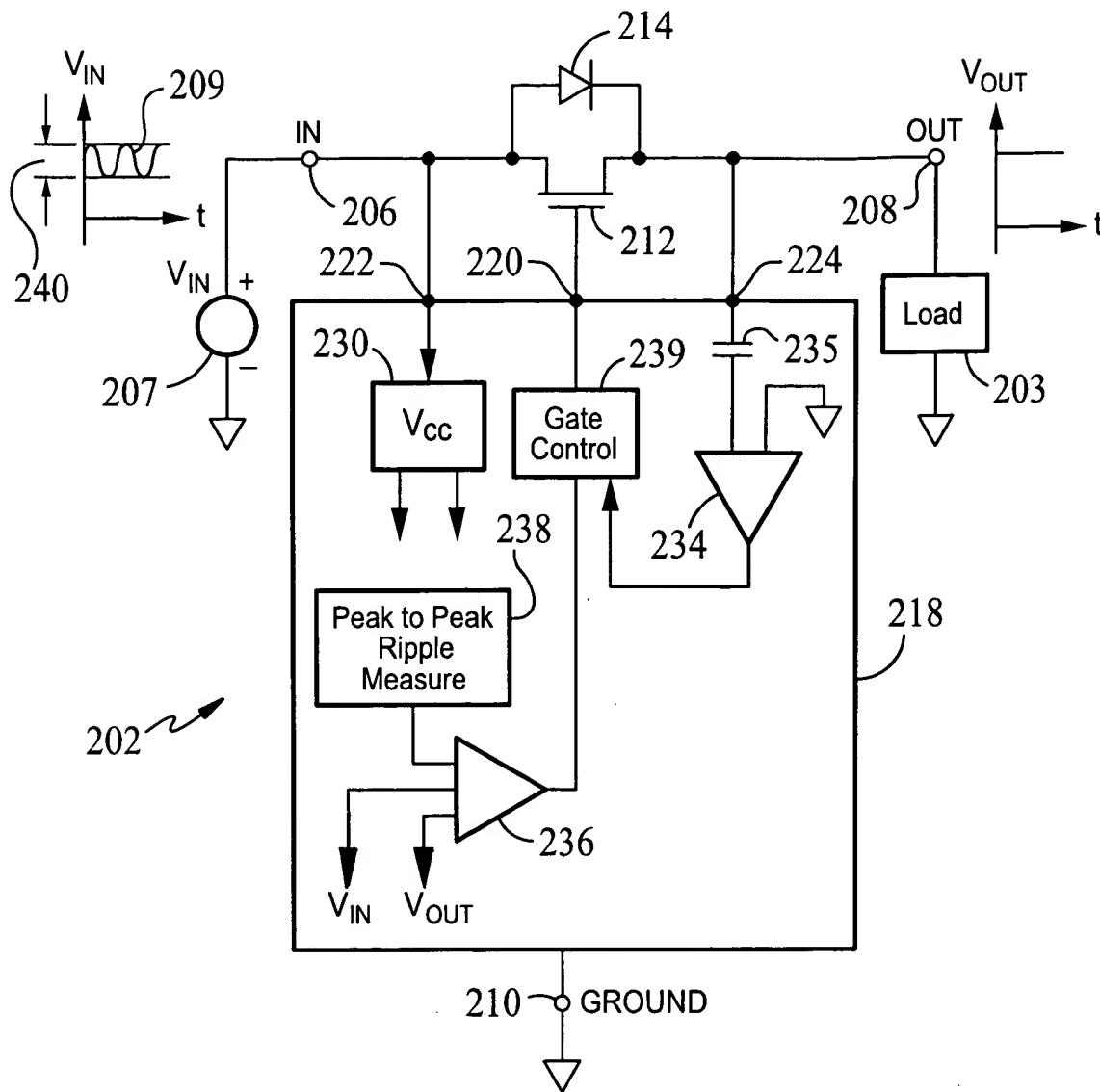


FIG. 18

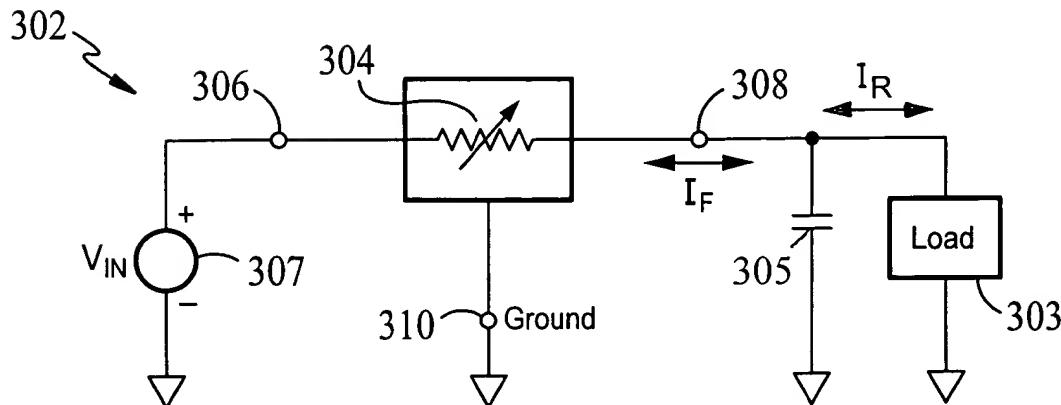


FIG. 19

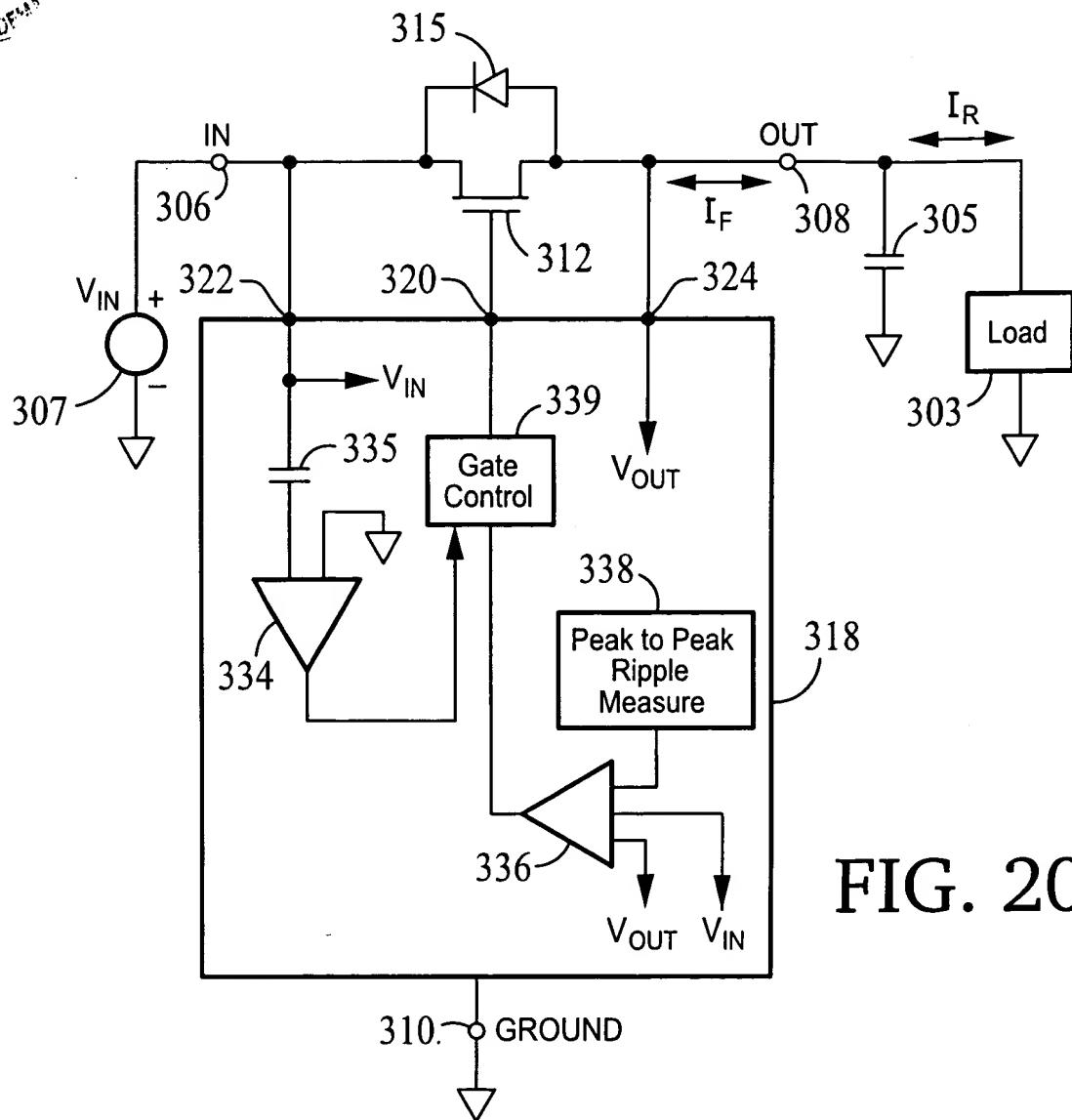


FIG. 20

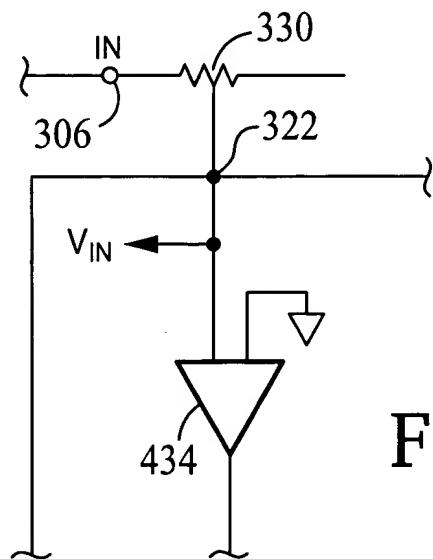


FIG. 21